

# Hamid Reza Shaterian

## List of Publications by Year in descending order

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148  
papers

3,488  
citations

147801

31  
h-index

189892

50  
g-index

178  
all docs

178  
docs citations

178  
times ranked

2447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silica sulfuric acid as an efficient catalyst for the preparation of 2H-indazolo[2,1-b]phthalazine-triones. <i>Applied Catalysis A: General</i> , 2008, 345, 128-133.	4.3	168
2	Silica supported perchloric acid (HClO <sub>4</sub> •SiO <sub>2</sub> ): an efficient and recyclable heterogeneous catalyst for the one-pot synthesis of amidoalkyl naphthols. <i>Tetrahedron</i> , 2008, 64, 1263-1269.	1.9	151
3	An efficient, simple and expedition synthesis of 1-amidoalkyl-2-naphthols as "drug like" molecules for biological screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 788-792.	2.2	146
4	Domino Knoevenagel condensation, Michael addition, and cyclization using ionic liquid, 2-hydroxyethylammonium formate, as a recoverable catalyst. <i>Journal of Molecular Liquids</i> , 2011, 158, 145-150.	4.9	112
5	A modified reaction for the preparation of amidoalkyl naphthols. <i>Tetrahedron Letters</i> , 2008, 49, 1297-1300.	1.4	95
6	One-pot synthesis of aryl 14H-dibenzo[a,j]xanthene leuco-dye derivatives. <i>Dyes and Pigments</i> , 2008, 76, 564-568.	3.7	93
7	An environmental friendly approach for the synthesis of highly substituted imidazoles using Brønsted acidic ionic liquid, N-methyl-2-pyrrolidonium hydrogen sulfate, as reusable catalyst. <i>Journal of Molecular Liquids</i> , 2011, 160, 40-49.	4.9	86
8	Characterisation of copper-manganese oxide catalysts: effect of precipitate ageing upon the structure and morphology of precursors and catalysts. <i>Applied Catalysis A: General</i> , 2003, 253, 499-508.	4.3	82
9	Synthesis of 2,3-Dihydroquinazoline-4(1 <i>H</i> )-ones. <i>Synthetic Communications</i> , 2010, 40, 1231-1242.	2.1	81
10	Reusable silica supported poly phosphoric acid catalyzed three-component synthesis of 2H-indazolo[2,1-b]phthalazine-trione derivatives. <i>Arkivoc</i> , 2009, 2009, 59-67.	0.5	81
11	Silica supported perchloric acid (HClO <sub>4</sub> •SiO <sub>2</sub> ): A highly efficient and reusable catalyst for the protection of hydroxyl groups using HMDS under mild and ambient conditions. <i>Journal of Molecular Catalysis A</i> , 2007, 272, 142-151.	4.8	76
12	Ambient temperature carbon monoxide oxidation using copper manganese oxide catalysts: Effect of residual Na <sup>+</sup> acting as catalyst poison. <i>Catalysis Communications</i> , 2003, 4, 17-20.	3.3	67
13	A three-component novel synthesis of 1-carbamato-alkyl-2-naphthol derivatives. <i>Tetrahedron Letters</i> , 2008, 49, 5804-5806.	1.4	57
14	Zinc oxide as an economical and efficient catalyst for the one-pot preparation of $\beta$ -acetamido ketones via a four-component condensation reaction. <i>Tetrahedron Letters</i> , 2007, 48, 1729-1734.	1.4	55
15	Effective preparation of 2-amino-3-cyano-4-aryl-5,10-dioxo-5,10-dihydro-4H-benzo[g]chromene and hydroxyl naphthalene-1,4-dione derivatives under ambient and solvent-free conditions. <i>Journal of Molecular Liquids</i> , 2013, 177, 353-360.	4.9	55
16	A New Approach to the Reduction of Sulfoxides to Sulfides with 1,3-Dithiane in the Presence of Electrophilic Bromine as Catalyst. <i>Journal of Organic Chemistry</i> , 2002, 67, 2826-2830.	3.2	49
17	Synthesis of benzoxanthene derivatives using Brønsted acidic ionic liquids (BALLs), 2-pyrrolidonium hydrogen sulfate and (4-sulfobutyl)tris(4-sulfophenyl)phosphonium hydrogen sulfate. <i>Journal of Molecular Liquids</i> , 2011, 162, 95-99.	4.9	49
18	A simple Green approach to the synthesis of 2-amino-5-oxo-4,5-dihydropyrano[3,2-c]chromene-3-carbonitrile derivatives catalyzed by 3-hydroxypropanaminium acetate (HPAA) as a new ionic liquid. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 545-552.	2.2	47

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19	Mild basic ionic liquids catalyzed new four-component synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-diones. <i>Journal of Molecular Liquids</i> , 2012, 173, 55-61.	4.9	47
20	Sodium hydrogen sulfate as effective and reusable heterogeneous catalyst for the one-pot preparation of amidoalkyl naphthols. <i>Arkivoc</i> , 2008, 2008, 105-114.	0.5	46
21	PPA-SiO <sub>2</sub> Catalyzed Multicomponent Synthesis of Amidoalkyl Naphthols. <i>Synthetic Communications</i> , 2008, 38, 3375-3389.	2.1	45
22	Ultrasound irradiation for the green synthesis of chromenes using L-arginine-functionalized magnetic nanoparticles as a recyclable organocatalyst. <i>RSC Advances</i> , 2014, 4, 42220-42225.	3.6	44
23	Catalytic and chemoselective deprotection of S,S- and S,O-acetals and ketals in the presence of their O,O-analogs with electrophilic halogens under neutral conditions. <i>Tetrahedron Letters</i> , 2003, 44, 4769-4773.	1.4	39
24	The X-ray photoelectron spectroscopy of surface composition of aged mixed copper manganese oxide catalysts. <i>Applied Surface Science</i> , 2005, 239, 246-254.	6.1	37
25	PPA-SiO <sub>2</sub> as a Heterogeneous Catalyst for Efficient Synthesis of 2-Substituted-1,2,3,4-tetrahydroquinazolinones under Solvent-free Conditions. <i>Chinese Journal of Chemistry</i> , 2009, 27, 2418-2422.	4.9	37
26	Acidic ionic liquids catalyzed one-pot, pseudo five-component, and diastereoselective synthesis of highly functionalized piperidine derivatives. <i>Journal of Molecular Liquids</i> , 2013, 180, 187-191.	4.9	37
27	Mild preparation of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives with magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles coated by (3-aminopropyl)-triethoxysilane as catalyst under ambient and solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2014, 40, 371-383.	2.7	36
28	Environmentally Friendly Preparation of Amidoalkyl Naphthols. <i>Synthetic Communications</i> , 2008, 38, 2983-2994.	2.1	34
29	Task-Specific Ionic Liquid as the Recyclable Catalyst for the Rapid and Green Synthesis of Dihydropyrano[3,2-c]chromene Derivatives. <i>Synthetic Communications</i> , 2011, 41, 3573-3581.	2.1	33
30	Carboxymethyl cellulose (CMC)-loaded Co-Cu doped manganese ferrite nanorods as a new dual-modal simultaneous contrast agent for magnetic resonance imaging and nanocarrier for drug delivery system. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 438, 85-94.	2.3	33
31	Aluminium hydrogensulfate as an efficient and heterogeneous catalyst for preparation of aryl 14H-dibenzo[a,j]xanthene derivatives under thermal and solvent-free conditions. <i>Arkivoc</i> , 2007, 2007, 1-10.	0.5	31
32	Efficient conversion of thiols to thiocyanates by in situ generated Ph <sub>3</sub> P(SCN) <sub>2</sub> . <i>Tetrahedron Letters</i> , 2002, 43, 3439-3441.	1.4	30
33	New applications of phosphoric acid supported on alumina (H <sub>3</sub> PO <sub>4</sub> -Al <sub>2</sub> O <sub>3</sub> ) as a reusable heterogeneous catalyst for preparation of 2,3-dihydroquinazoline-4(1H)-ones, 2H-indazolo[2,1-b]phthalazinetriones, and benzo[4,5]imidazo[1,2-a]pyrimidines. <i>Research on Chemical Intermediates</i> , 2014, 40, 1879-1898.	2.7	29
34	Reaction in Dry Media: Silica Gel Supported Ferric Chloride Catalyzed Synthesis of 1,8-Dioxo-octahydroxanthene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 3136-3144.	1.6	28
35	Aminopropyl coated on magnetic Fe <sub>3</sub> O <sub>4</sub> and SBA-15 nanoparticles catalyzed mild preparation of chromeno[2,3-d]pyrimidines under ambient and solvent-free conditions. <i>Catalysis Science and Technology</i> , 2013, 3, 425-428.	4.1	28
36	Synthesis of highly substituted imidazoles using Brønsted acidic ionic liquid, triphenyl(propyl-3-sulphonyl)phosphonium toluenesulfonate, as reusable catalyst. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 1120-1134.	2.2	27

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37	Eco-friendly and Efficient Synthesis of 2,3-dihydroquinazolin-4(1 <i>H</i> )-ones. Chinese Journal of Chemistry, 2011, 29, 1617-1623.	4.9	27
38	Mild basic ionic liquid catalyzed four component synthesis of functionalized benzo[a]pyrano[2,3-c]phenazine derivatives. Journal of Molecular Liquids, 2013, 177, 162-166.	4.9	27
39	Preparation of 2-amino-3-cyano-4-aryl-5,10-dioxo-5,10-dihydro-4H-benzo[g]chromene and hydroxyl naphthalene-1,4-dione derivatives. Research on Chemical Intermediates, 2015, 41, 3171-3191.	2.7	27
40	NaHSO <sub>4</sub> .H <sub>2</sub> O Catalyzed Multicomponent Synthesis of 1-(Benzothiazolylamino) Methyl-2-Naphthols Under Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 1056-1063.	1.6	26
41	An efficient synthesis of quinazoline and xanthen derivatives using starch sulfate as a biodegradable solid acid catalyst. Research on Chemical Intermediates, 2015, 41, 721-738.	2.7	26
42	Nano copper(II) oxide catalyzed four-component synthesis of functionalized benzo[a]pyrano[2,3-c]phenazine derivatives. Comptes Rendus Chimie, 2012, 15, 1055-1059.	0.5	25
43	A Convenient Method for the Preparation of 1,5-diaryl-3-(arylamino)-1-pyrrol-2-ones. Chinese Journal of Chemistry, 2011, 29, 1851-1855.	4.9	24
44	New applications of cellulose-SO <sub>3</sub> H as a bio-supported and biodegradable catalyst for the one-pot synthesis of some three-component reactions. Research on Chemical Intermediates, 2014, 40, 2983-2999.	2.7	24
45	Efficient Multi-component Synthesis of Highly Substituted Imidazoles Utilizing P <sub>2</sub> O <sub>5</sub> /SiO <sub>2</sub> as a Reusable Catalyst. Chinese Journal of Chemistry, 2011, 29, 1635-1645.	4.9	23
46	2,4,4,6-Tetrabromo-2,5-cyclohexadienone (TABCO) as a Versatile, Efficient, and Chemoselective Catalyst for the Acetalization and Transacetalization of Carbonyl Compounds, the Preparation of Acetonides from Epoxides and Acylals (1,1-Diacetates) from Aldehydes. Bulletin of the Chemical Society of Japan, 2002, 75, 2195-2205.	3.2	22
47	Mild, four-component synthesis of 6-amino-4-aryl-3-methyl-1,4-dihydropyrano[2,3-c]pyrazole-5-carbonitriles catalyzed by titanium dioxide nano-sized particles. Research on Chemical Intermediates, 2014, 40, 661-667.	2.7	22
48	Mechanochemically modified aluminosilicates for efficient oxidation of vanillyl alcohol. Catalysis Communications, 2019, 118, 65-69.	3.3	22
49	Nanocrystalline TiO <sub>2</sub> -HClO <sub>4</sub> catalyzed three-component preparation of derivatives of 1-amidoalkyl-2-naphthol, 1-carbamato-alkyl-2-naphthol, 1-( $\pm$ -aminoalkyl)-2-naphthol, and 12-aryl-8,9,10,12-tetrahydrobenzo[a]-xanthen-11-one. Research on Chemical Intermediates, 2013, 39, 4221-4237.	2.7	21
50	Starch sulfate as an efficient and biodegradable polymer catalyst for one-pot, four-component reaction of 2-imidazo[2,1-b]phthalazine-triones. Starch/Staerke, 2011, 63, 340-346.	2.1	20
51	Silica-bonded propylpiperazine-N-sulfamic acid as recyclable solid acid catalyst for preparation of 2-amino-3-cyano-4-aryl-5,10-dioxo-5,10-dihydro-4H-benzo[g]chromenes and hydroxy-substituted naphthalene-1,4-dione derivatives. Chinese Journal of Catalysis, 2014, 35, 242-246.	14.0	20
52	Mild preparation of 2-amino-3-cyano-4-aryl-4H-benzo[h]chromenes and 2-amino-3-cyano-1-aryl-1H-benzo[f]chromenes, under solvent-free conditions, catalyzed by recyclable basic ionic liquids. Research on Chemical Intermediates, 2015, 41, 1301-1313.	2.7	20
53	l-Leucine supported on superparamagnetic silica-encapsulated $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles: design, characterization, and application as a green catalyst for highly efficient synthesis of thiazoloquinolines. RSC Advances, 2016, 6, 44459-44468.	3.6	20
54	(3-oxo-[1,2,4]triazolidin-1-yl)bis (butane-1-sulfonic acid) functionalized magnetic $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles: A novel and heterogeneous nanocatalyst for one-pot and efficient four-component synthesis of novel spiro[indeno[1,2-b]quinoxaline derivatives. Applied Organometallic Chemistry, 2019, 33, e4901.	3.5	20

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55	Preparation of Silyl Ethers Using Hexamethyldisilazane in the Presence of <i>N</i> -Bromosuccinimide under Mild and Solvent-Free Conditions. Chinese Journal of Chemistry, 2008, 26, 1709-1714.	4.9	19
56	Preparation and Application of Perchloric Acid Supported on Alumina ( $Al_2O_3 \cdot HClO_4$ ) to the Synthesis of $\alpha$ -( <i>N</i> -amidobenzyl)naphthols. Chinese Journal of Chemistry, 2009, 27, 815-820.	4.9	19
57	PPA-Catalyzed Multi-Component Synthesis of <i>N</i> -[ $\alpha$ -( <i>N</i> -hydroxy( <i>n</i> -naphthyl)(benzyl))oxy]alkyl Carbamate Derivatives. Chinese Journal of Chemistry, 2009, 27, 821-824.	4.9	19
58	Multicomponent synthesis of 3,5-diaryl-2,6-dicyanoanilines under thermal solvent-free conditions. Monatshefte für Chemie, 2010, 141, 557-560.	1.8	19
59	Magnetic Nanoparticle Supported Ionic Liquid Assisted Green Synthesis of Pyrazolopyranopyrimidines and 1,6-diamino-2-oxo-1,2,3,4-tetrahydropyridine-3,5-dicarbonitriles. Journal of the Chinese Chemical Society, 2016, 63, 557-561.	1.4	19
60	An Efficient Synthesis of Multi-Substituted 3,4-Dihydropyrimidin-2(1H)-ones/thiones Under Solvent-Free Microwave Irradiation Using Alumina Sulfuric Acid. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 184, 197-205.	1.6	18
61	Acidic ionic liquids catalyzed three-component synthesis of 12-aryl-12H-indeno[1,2-b]naphtho[3,2-e]pyran-5,11,13-trione and 13-aryl-indeno[1,2-b]naphtho[1,2-e]pyran-12(13H)-one derivatives. Journal of Molecular Liquids, 2012, 172, 88-92.	4.9	18
62	Silica-Supported Ionic Liquids Prompted One-Pot Four-Component Synthesis of Pyrazolopyranopyrimidines, 3-methyl-4-aryl-4,5-dihydro-1 <i>H</i> -pyrano[2,3- <i>c</i> ]pyrazol-6-ones, and 1,6-diamino-2-oxo-1,2,3,4-tetrahydropyridine-3,5-dicarbonitriles. Polycyclic Aromatic Compounds, 2017, 37, 314-326.	2.6	18
63	Chemoselective Dithioacetalization and Oxathioacetalization of Carbonyl Compounds Using Alumina Sulfuric Acid as Catalyst. Synthetic Communications, 2008, 38, 4097-4106.	2.1	17
64	$Al(HSO_4)_3$ and $Al_2O_3 \cdot SO_3H$ as Efficient Catalysts for Modified Preparation of 3,4-Dihydropyrimidin-2(1 <i>H</i> )-ones/thiones. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2333-2338.	1.6	17
65	Synthesis of New and Novel <i>N</i> -Protected 1-Aminoalkyl-2-naphthol Derivatives. Synthetic Communications, 2009, 39, 2560-2574.	2.1	17
66	Synthesis of 6-amino-4-aryl-3-methyl-1,4-dihydropyran[2,3- <i>c</i> ]pyrazole-5-carbonitriles by heterogeneous reusable catalysts. Research on Chemical Intermediates, 2014, 40, 1997-2005.	2.7	17
67	Phosphoric acid supported on alumina ( $H_3PO_4/Al_2O_3$ ) as an efficient and reusable catalyst for the one-pot synthesis of benzoxanthene pigments. Research on Chemical Intermediates, 2014, 40, 1403-1414.	2.7	17
68	One-pot preparation of $\beta$ -amido ketones/esters in a three-component condensation reaction using magnesium hydrogensulfate as an effective and reusable catalyst. Canadian Journal of Chemistry, 2008, 86, 376-383.	1.1	16
69	Nano- $TiO_2$ : An Eco-Friendly and Clean Reusable Heterogeneous Catalyst for Preparation of $\beta$ -Aminophosphonates Under Ambient and Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 850-854.	1.6	16
70	Brønsted acidic ionic liquids catalyze the preparation of 2,3-dihydroquinazolin-4(1 <i>H</i> )-one derivatives. Research on Chemical Intermediates, 2014, 40, 1655-1668.	2.7	15
71	<i>N</i> -Bromosuccinimide Catalyzed One-pot and Rapid Synthesis of Acetamidobenzyl Naphthols under Mild and Solvent-Free Conditions. Chinese Journal of Chemistry, 2008, 26, 2093-2097.	4.9	14
72	An efficient method for the silylation of hydroxyl groups with hexamethyldisilazane (HMDS) catalyzed by aluminum tris(dihydrogen phosphate) under solvent-free and ambient conditions. Canadian Journal of Chemistry, 2008, 86, 841-845.	1.1	14

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73	Ferric hydrogensulfate catalyzed synthesis of aryl 14H-dibenzo[a,j] xanthene derivatives under thermal and solvent-free conditions. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1053-1058.	0.6	14
74	A Brønsted acidic ionic liquid, [(CH <sub>2</sub> ) <sub>3</sub> SO <sub>3</sub> HMIM][HSO <sub>4</sub> ], as an efficient catalyst for synthesis of 1-(benzothiazolylamino)methyl-2-naphthols. <i>Research on Chemical Intermediates</i> , 2015, 41, 793-801.	2.7	14
75	2,4,4,6-Tetrabromo-2,5-cyclohexadienone (TABCO), N-Bromosuccinimide (NBS) and Bromine as Efficient Catalysts for Dithioacetalization and Oxathioacetalization of Carbonyl Compounds and Transdithioacetalization Reactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 1047-1071.	1.6	13
76	A Highly Efficient Method for the Silylation of Alcohols, Phenols, and Naphthols Using HMDS in the Presence of Zinc Oxide (ZnO) as Economical Heterogeneous Catalyst. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 183, 194-204.	1.6	13
77	Uncatalyzed, One-pot Synthesis of 3,3'-bis(Benzylene)-bis(4-hydroxy-2H-chromen-2-one) Derivatives under Thermal Solvent-free Conditions. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1795-1800.	4.9	13
78	Four-component synthesis of 2H-indazolo[2,1-b]phthalazine-1,6,11(13H)-trione derivatives. <i>Comptes Rendus Chimie</i> , 2012, 15, 1060-1064.	0.5	13
79	Ionic-liquid-catalyzed green synthesis of coumarin derivatives under solvent-free conditions. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1690-1696.	14.0	13
80	Sodium Hydrogen Sulfate as Effective and Reusable Heterogeneous Catalyst for the One-pot Preparation of 14H-(Un)substituted phenyl]-dibenzo[a,j]xanthene Leuco-dye Derivatives. <i>Chinese Journal of Chemistry</i> , 2008, 26, 338-342.	4.9	12
81	Silica-Supported Perchloric Acid (HClO <sub>4</sub> -SiO <sub>2</sub> ): An Efficient Catalyst for the Preparation of $\alpha$ -Amido Carbonyl Compounds Using Multicomponent Reactions. <i>Synthetic Communications</i> , 2008, 38, 3766-3777.	2.1	12
82	Mild preparation of chromeno[2,3-d]pyrimidines catalyzed by Brønsted acidic ionic liquids under solvent-free and ambient conditions. <i>Research on Chemical Intermediates</i> , 2013, 39, 3877-3885.	2.7	12
83	One-pot, four-component synthesis of 2H-indazolo[2,1-b]phthalazine-triones catalyzed by cellulose-SO <sub>3</sub> H as a reusable heterogeneous and efficient catalyst. <i>Research on Chemical Intermediates</i> , 2014, 40, 1989-1995.	2.7	12
84	Brønsted acidic ionic liquids catalyzed the preparation of 13-aryl-5H-dibenzo[b,i]xanthene-5,7,12,14(13H)-tetraones and 3,4-dihydro-1H-benzo[b]xanthene-1,6,11(2H,12H)-triones. <i>Research on Chemical Intermediates</i> , 2014, 40, 1345-1355.	2.7	12
85	Effective preparation of hexahydroquinolines under ambient and solvent-free conditions. <i>Journal of Molecular Liquids</i> , 2015, 204, 15-20.	4.9	12
86	Brønsted acidic ionic liquids catalyzed one-pot synthesis of benzoxanthene leuco-dye derivatives. <i>Research on Chemical Intermediates</i> , 2015, 41, 409-417.	2.7	12
87	Silica-Supported Ferric Chloride (Silica-FeCl <sub>3</sub> ): A Reusable, Easily Controllable Catalyst for the Protection of Hydroxyl Groups under Mild and Ambient Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 2108-2118.	1.6	11
88	Efficient synthesis of 1-carbamatoalkyl-2-naphthols using Brønsted acidic ionic liquid as reusable catalyst. <i>Research on Chemical Intermediates</i> , 2014, 40, 3011-3019.	2.7	11
89	Mildly basic ionic liquid catalyzed pseudo four component synthesis of 7,10-diaryl-7H-benzo[7,8]chromeno[2,3-d]pyrimidin-8-amine derivatives under solvent-free conditions. <i>RSC Advances</i> , 2014, 4, 60543-60547.	3.6	11
90	Mild preparation of hydroxyl naphthalene-1,4-dione derivatives with nano copper(II) oxide as catalyst under ambient and solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2015, 41, 291-297.	2.7	11



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91	One-pot synthesis of 4,8-dihydropyrano[3,2-b]pyranes and pyridopyrimidines under mild conditions. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 434-437.	1.4	11
92	Efficient Chemoselective Mild Deprotection of S,S and S,O-Acetals and Ketals with Electrophilic Halogens. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2006, 181, 1059-1071.	1.6	10
93	Alumina Sulfuric Acid as an Efficient and Recyclable Heterogeneous Catalyst for the O-Silylation of Alcohols, Phenols, and Oximes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 2584-2595.	1.6	10
94	Environmentally Friendly Preparation of 3,4-Dihydropyrimidin-2(1H)-thiones Catalyzed by $Al(H_2PO_4)_3$ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 184, 126-134.	1.6	10
95	Silica-supported phosphorus pentoxide: a reusable catalyst for S,S-acetalization of carbonyl groups under ambient conditions. <i>Journal of Sulfur Chemistry</i> , 2011, 32, 85-91.	2.0	10
96	Sulfamic acid Functionalised Magnetic Nanoparticles: An Efficient Solid Acid for the Multicomponent Condensations. <i>Journal of Chemical Research</i> , 2012, 36, 52-55.	1.3	10
97	Brønsted Reusable Acidic Ionic Liquids Catalyzed Biginelli Reaction under Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 1064-1070.	1.6	10
98	Preparation of 7-amino-1,3-dioxo-1,2,3,5-tetrahydropyrazolo [1,2-a][1,2,4]triazole using magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles coated by (3-aminopropyl)-triethoxysilane as catalyst. <i>Research on Chemical Intermediates</i> , 2015, 41, 223-229.	2.7	10
99	Design and characterization of Dendrimer of MNPs as a novel, heterogeneous and reusable nanomagnetic organometallic catalyst for one-pot synthesis of hydroxyl naphthalene-1,4-dione derivatives under solvent-free conditions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4183.	3.5	10
100	Fe <sub>3</sub> O <sub>4</sub> @vitamin B <sub>1</sub> as a sustainable superparamagnetic heterogeneous nanocatalyst promoting green synthesis of trisubstituted 1,3,4-thiazole derivatives. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4964.	3.5	10
101	Sulfonated magnetic nanocatalyst and application for synthesis of novel Spiro[acridine-9,5-thiazole]-1,4-dione derivatives. <i>Research on Chemical Intermediates</i> , 2020, 46, 1109-1125.	2.7	10
102	Magnesium Hydrogensulfate [Mg(HSO <sub>4</sub> ) <sub>2</sub> ] as an Efficient Catalyst for the Preparation of Silyl Ethers, Dibenzo[a,j]xanthenes, and Octahydroxanthene Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 185, 171-180.	1.6	9
103	Basic Magnetic Nanoparticles as Efficient Catalysts for the Preparation of Naphthopyrane Derivatives. <i>Journal of Chemical Research</i> , 2012, 36, 49-51.	1.3	9
104	Acetalization of Carbonyl Compounds as Pentaerythritol Diacetals and Diketals in the Presence of Cellulose Sulfuric Acid as an Efficient, Biodegradable and Reusable Catalyst. <i>Chinese Journal of Chemistry</i> , 2012, 30, 695-698.	4.9	9
105	Mild basic ionic liquids as catalyst for the multi-component synthesis of 7-amino-1,3-dioxo-1,2,3,5-tetrahydropyrazolo[1,2-a][1,2,4]triazole and 6,6-dimethyl-2-phenyl-9-aryl-6,7-dihydro-[1,2,4]triazolo[1,2-a]indazole-1,3,8(2H,5H,9H)-trione derivatives. <i>Journal of Molecular Liquids</i> , 2013, 183, 8-13.	4.9	9
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